

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - FORE RIVER SHORT STAY HOSPITAL
 PROJECT - MATERIALS TESTING / SPECIAL

Project Number: 06-1069.1

Client: MERCY HOSPITAL

Client Contract Number:
General Contractor:
Concrete Supplier: DRAGON PRODUCTS

PLACEMENT INFORMATION

Date Cast: 4/11/2007 **Time Cast:** 8:10

Date Received: 4/12/2007

Placement Location: 3RD FLOOR SLAB - RIGHT HALF

Placement Method: PUMP TRUCK

Placement Vol. (yd³): 260

Cylinders Made By: JCM

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POZZUTEC 20 2% /
 POLYHEED 997

TEST RESULTS

Slump (in) (C-143): 5.5
Air Content (%) (C-231): **Air WR:** 1.5
Air Temp (°F): 23
Conc. Temp (°F) (C-1064): 56

Load Number: 4
Mixer Number: 176
Ticket Number: 4525833
Cubic Yards: 10
Design (psi): 4000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
702-50A		6.00	28.27	4/18/2007	Lab	7	4	123.0	4350
702-50B		6.00	28.27	5/9/2007	Lab	28	4	155.5	5500
702-50C		6.00	28.27	5/9/2007	Lab	28	4	160.0	5660
702-50D				Hold	Lab				

Fracture Types



Cone



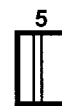
Cone and Split



Cone and Shear



Shear



Columnar

Remarks: